

WEST Search History

DATE: Monday, September 27, 2004

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☐ 1. 6451619. 22 Sep 95; 17 Sep 02. Monitoring methods and devices for use therein. Catt; Michael, et al. 436/514; 422/56 422/58 422/61 435/7.1 435/7.9 435/7.92 435/7.93 435/7.94 436/165 436/169 436/65. G01N033/543.

☐ 2. 6235241. 14 May 98; 22 May 01. Reading devices and assay devices for use therewith. Catt; Michael, et al. 422/56; 422/82.05 422/82.09. G01N021/00.

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L13: Entry 1 of 2

File: USPT

Sep 17, 2002

US-PAT-NO: 6451619

DOCUMENT-IDENTIFIER: US 6451619 B1

TITLE: Monitoring methods and devices for use therein

DATE-ISSUED: September 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Catt</u> ; Michael	Northampton			GB
Cunningham; Carole R	Bedford			GB
Mundill; Paul HC	Northampton			GB
Prior; Michael E	Northampton			GB
Wilson; Stewart	Northampton			GB
Zhang; Zhi G	Bedford			GB

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Inverness Medical Switzerland GmbH	Zug			CH	03

APPL-NO: 08/ 532457 [PALM]

DATE FILED: September 22, 1995

PARENT-CASE:

This is a continuation-in-part of Ser. No. 08/266,776, filed Jun. 29, 1994, now abandoned, and Ser. No. 08/338,141, filed Nov. 9, 1994.

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
GB	9419264	September 23, 1994
GB	9419382	September 26, 1994
GB	9501863	January 31, 1995

INT-CL: [07] G01 N 33/543

US-CL-ISSUED: 436/514; 436/165, 436/169, 436/65, 435/7.92, 435/7.93, 435/7.94, 435/7.9, 435/7.1, 422/56, 422/58, 422/61

US-CL-CURRENT: 436/514; 422/56, 422/58, 422/61, 435/7.1, 435/7.9, 435/7.92, 435/7.93, 435/7.94, 436/165, 436/169, 436/65

FIELD-OF-SEARCH: 436/514, 436/165, 436/169, 436/65, 435/7.92, 435/7.93, 435/7.94, 435/7.9, 435/7.1, 422/56, 422/58, 422/61

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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<input type="checkbox"/>	<u>5504013</u>	April 1996	Senior	436/165

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO
1 048 001

PUBN-DATE
February 1979

COUNTRY
CA

US-CL

1 183 080	February 1985	CA
1 214 438	April 1966	DE
28 03 152	July 1979	DE
28 47 397	May 1980	DE
3 037 977	May 1982	DE
3 221 999	April 1983	DE
3 247 750	June 1984	DE
3 314 442	November 1984	DE
3 325 598	January 1985	DE
3 342 251	May 1985	DE
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0 383 619	February 1990	EP
0 385 621	February 1990	EP
0 383 619	August 1990	EP
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0 424 102	October 1990	EP
0 470 507	August 1991	EP
0 476 703	September 1991	EP
0 498 303	January 1992	EP
0 653 625	November 1994	EP
2 290 876	June 1976	FR
2 652 092	March 1991	FR
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1 203 619	August 1970	GB
2 045 480	October 1980	GB
2 106 646	April 1983	GB
2 116 318	September 1983	GB
2 186 977	August 1987	GB
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ART-UNIT: 1645

PRIMARY-EXAMINER: Graser; Jennifer E.

ATTY-AGENT-FIRM: Oppedahl & Larson LLP

ABSTRACT:

Methods, devices and test kits for monitoring the ovulation cycle, involve testing the body fluid, e.g. urinary, concentration of one or more analytes. Preferably estrone-3-glucuronide and luteinizing hormone are both measured, and a reference concentration for E3G is established at about day 6 of the current cycle. Preferably, disposable testing devices are used, in conjunction with a relatively permanent electronic reader/monitor. The number of "daily" tests required per month can be minimized.

11 Claims, 12 Drawing figures